

Fig. 1

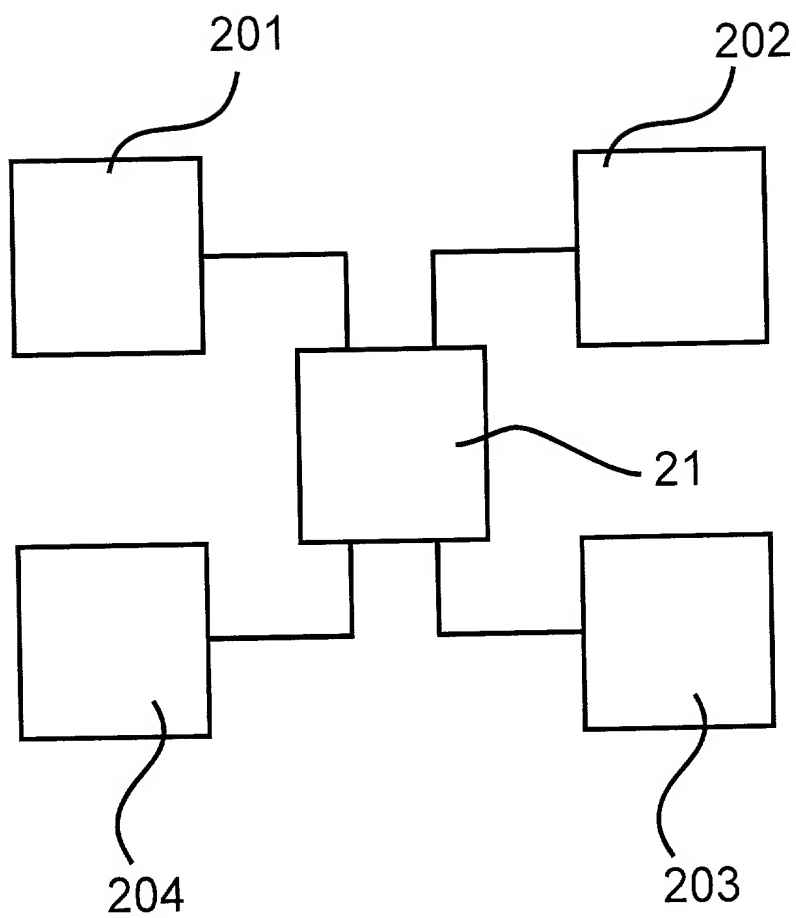


Fig. 2

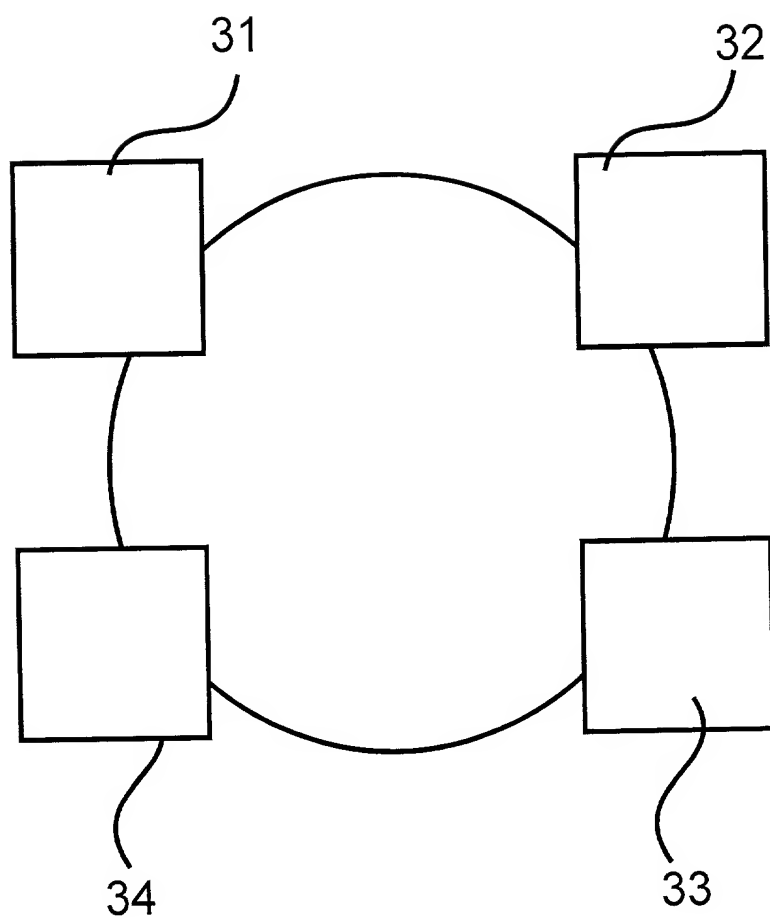


Fig. 3

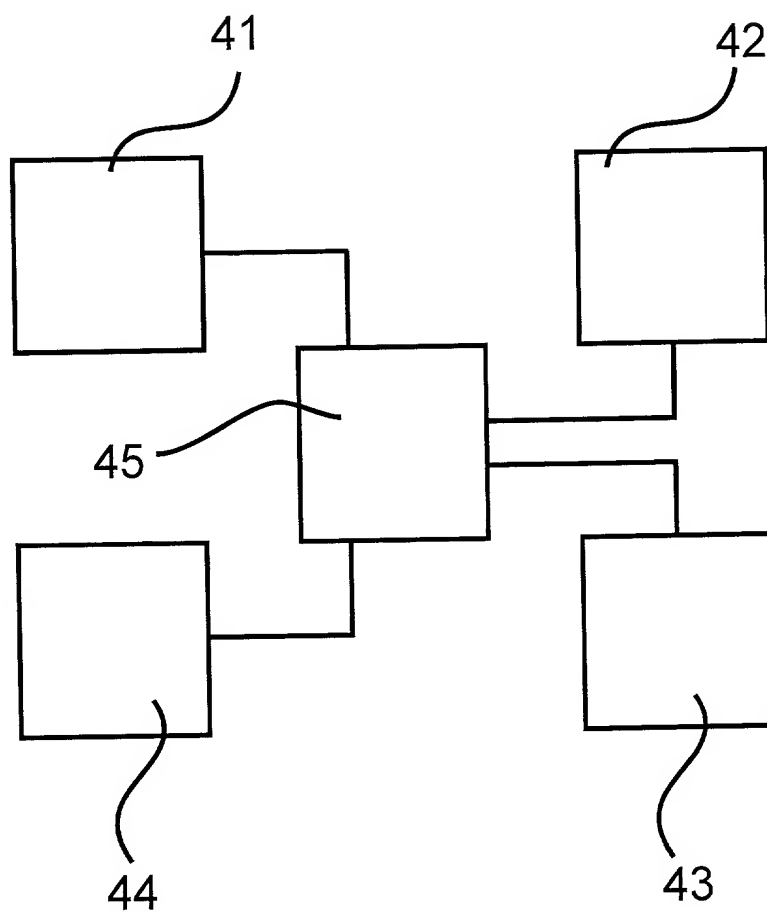


Fig. 4

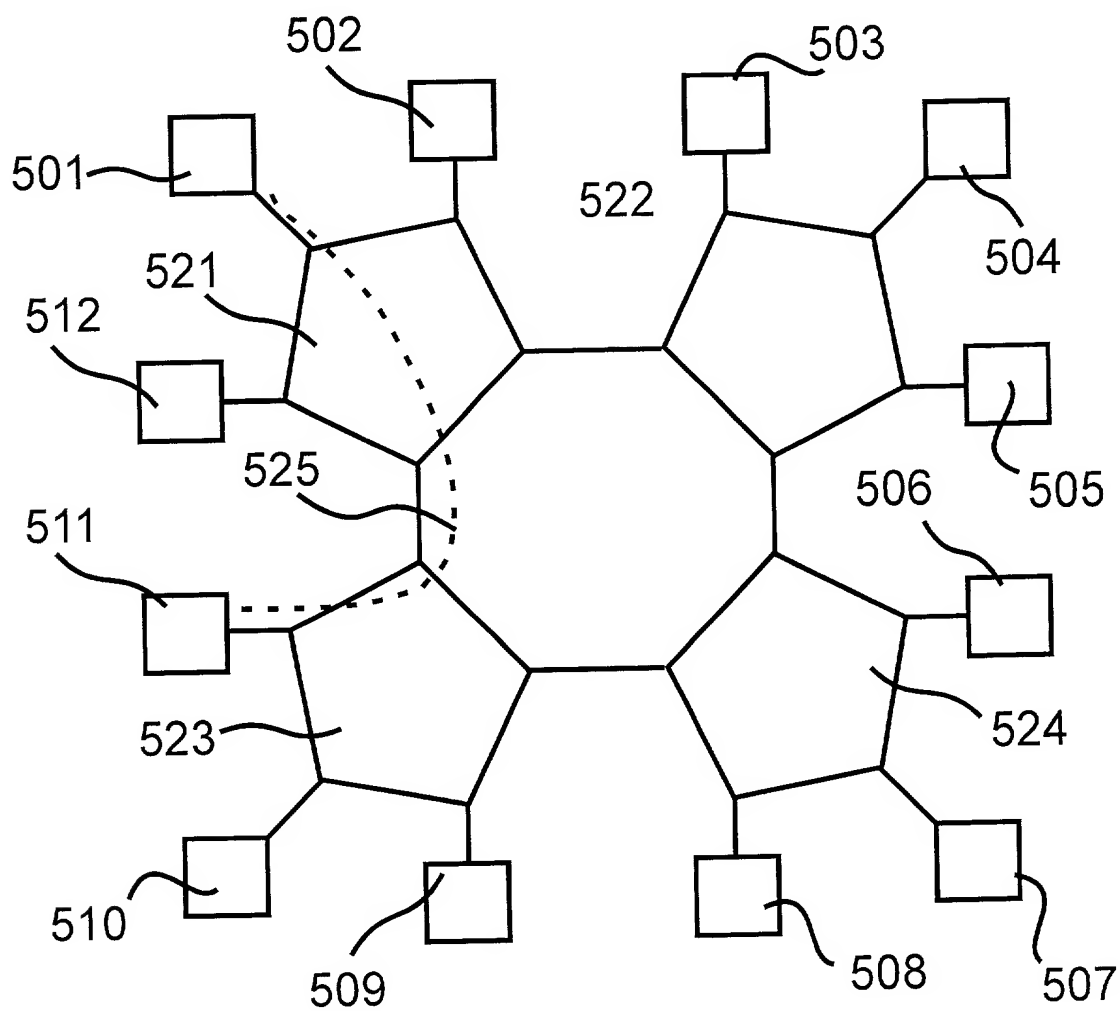


Fig. 5

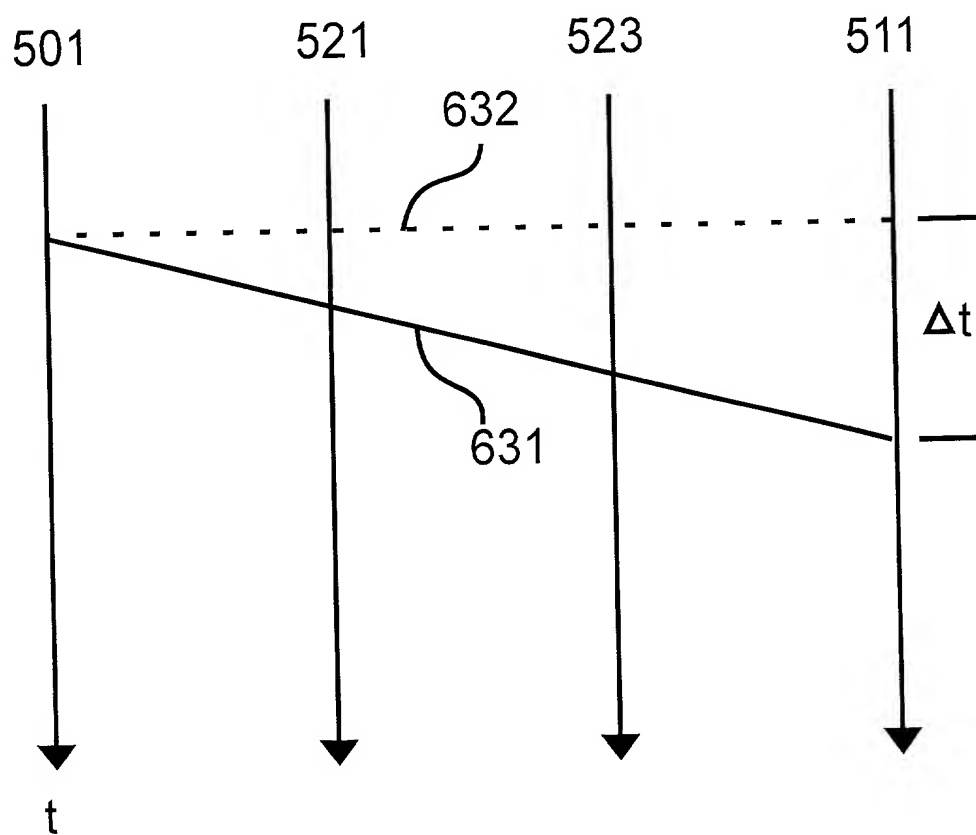


Fig. 6

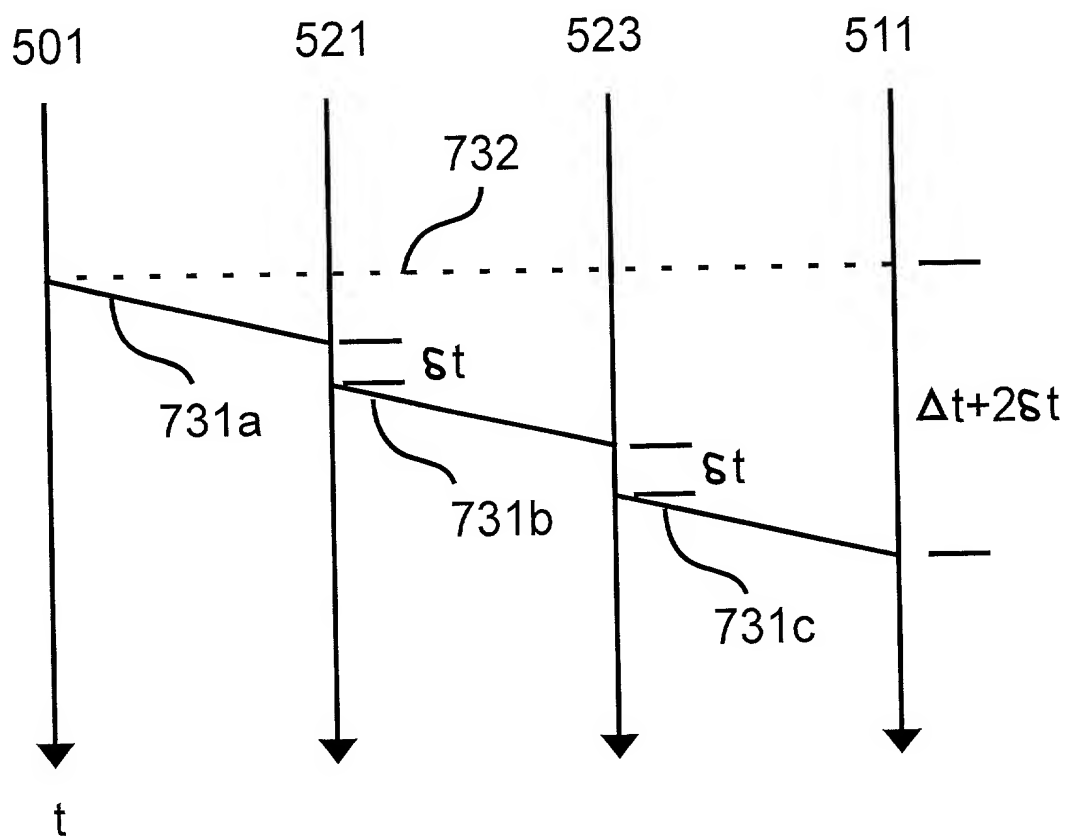


Fig. 7





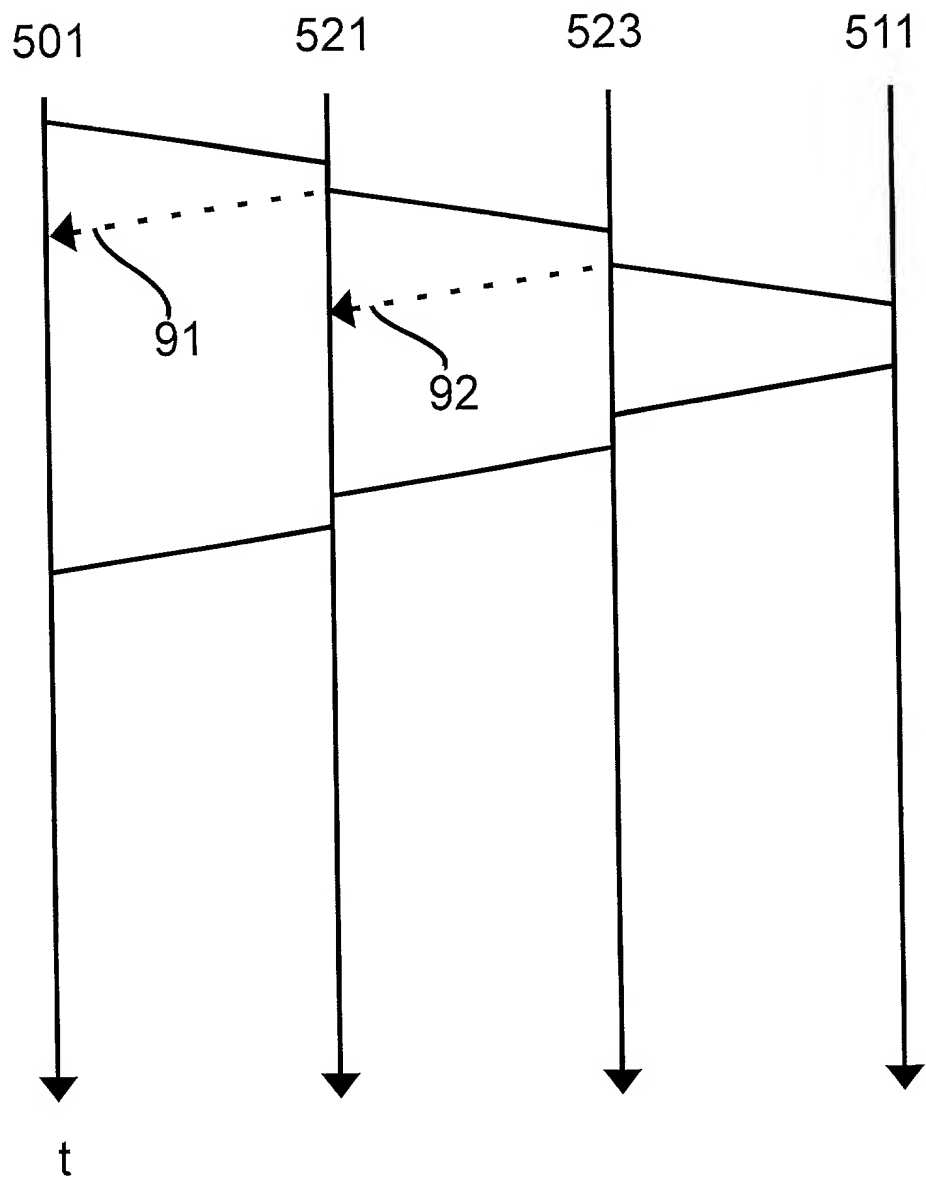


Fig.9

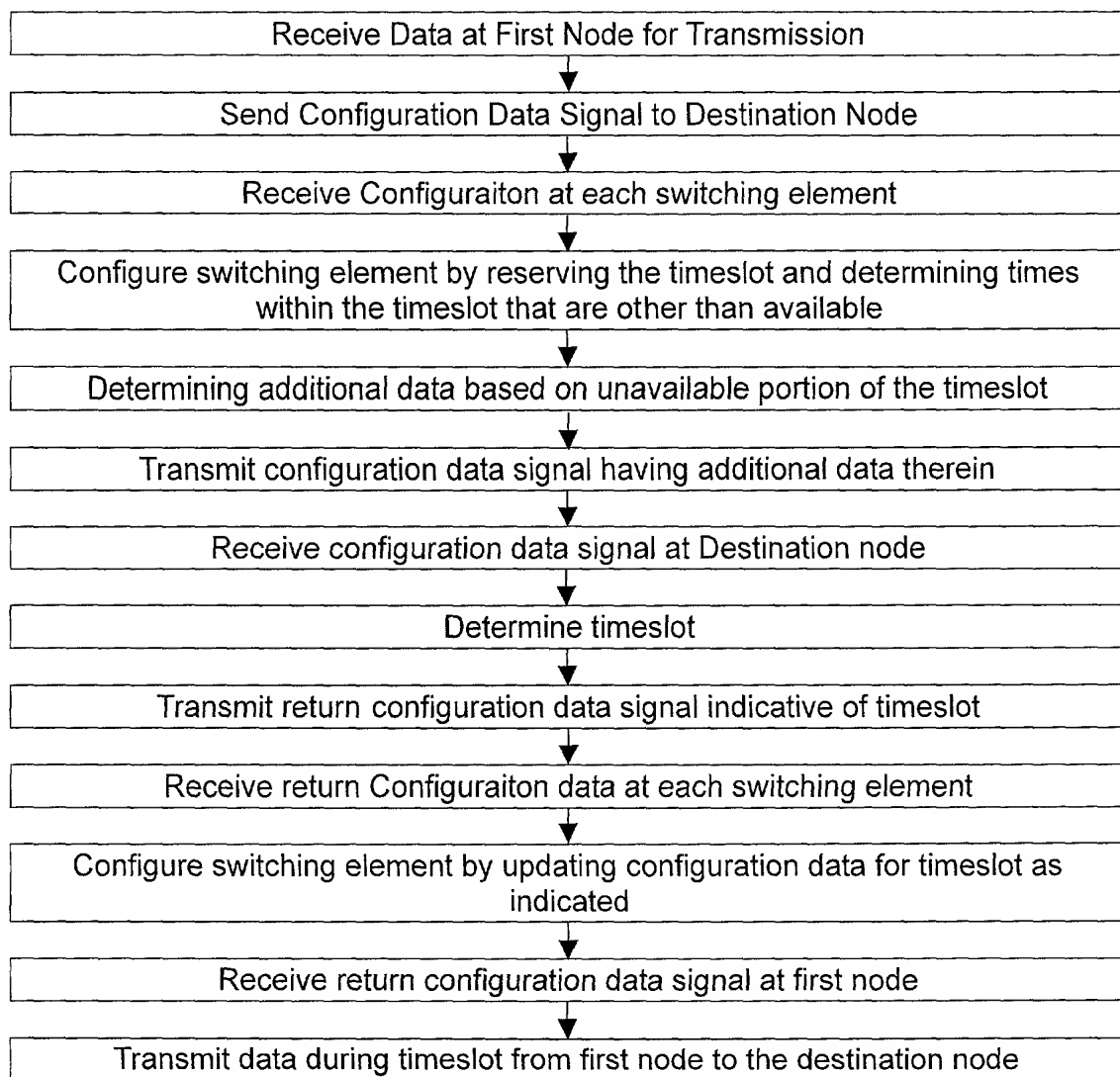


Fig. 10

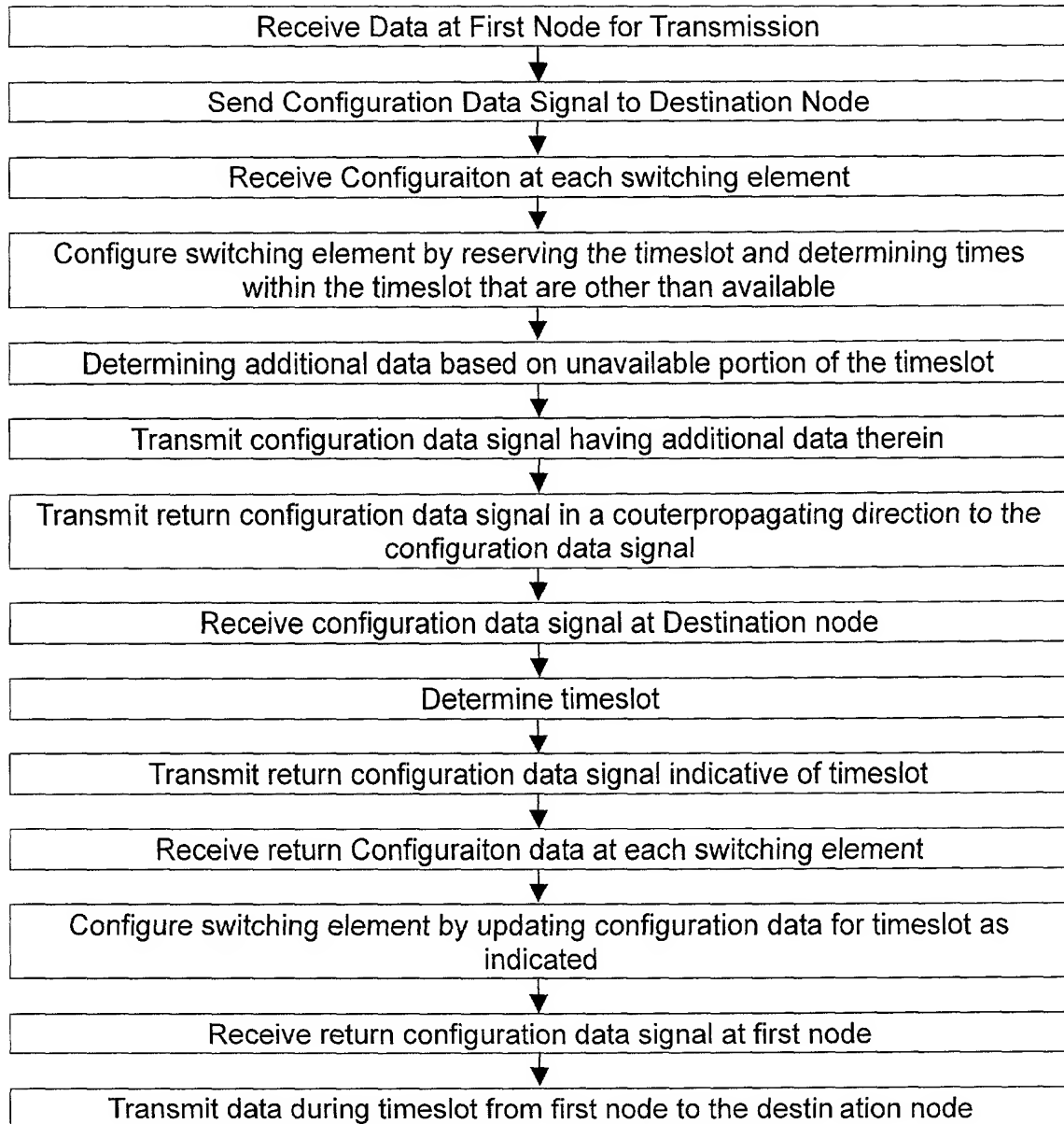


Fig. 11

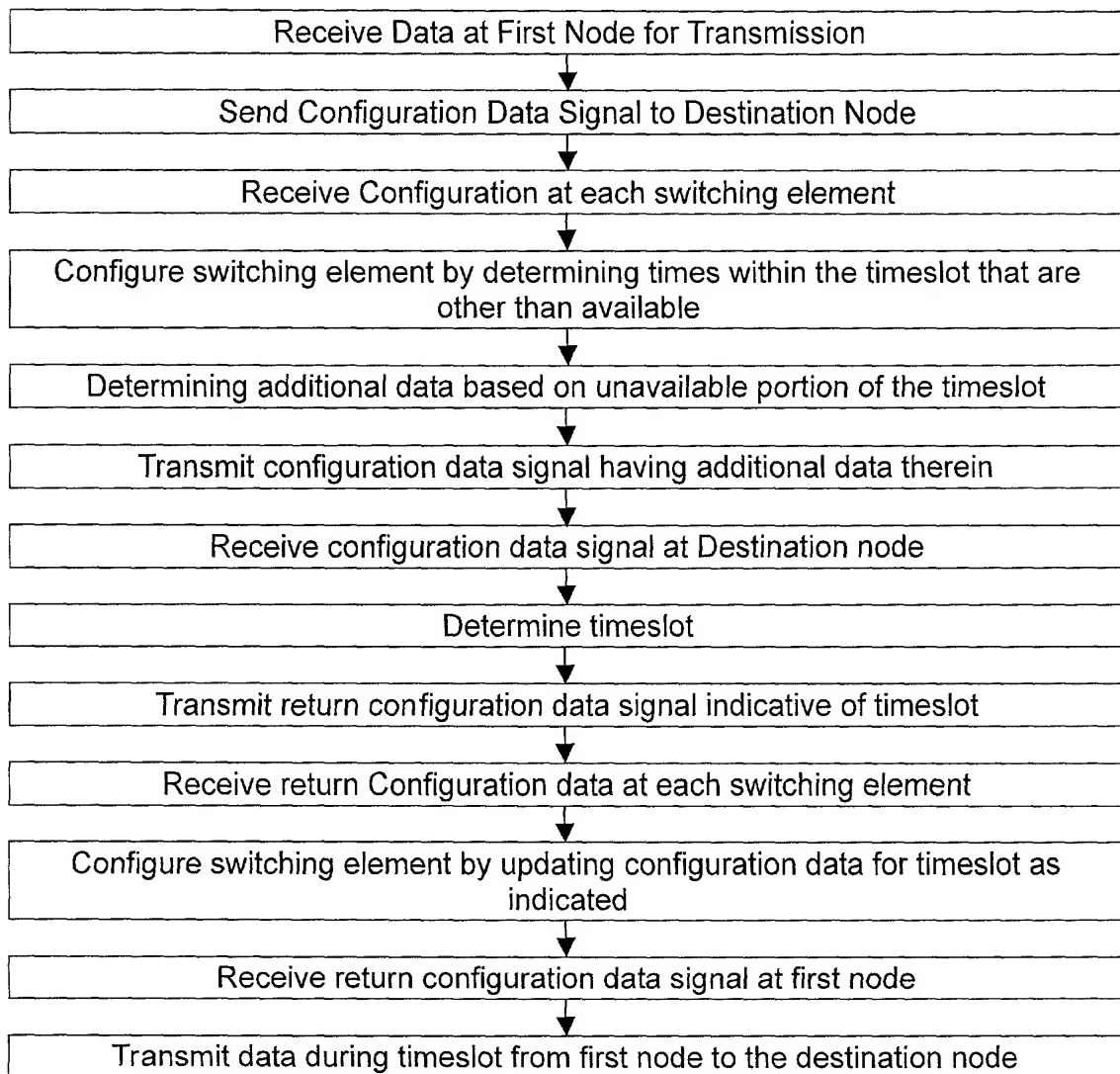


Fig. 12

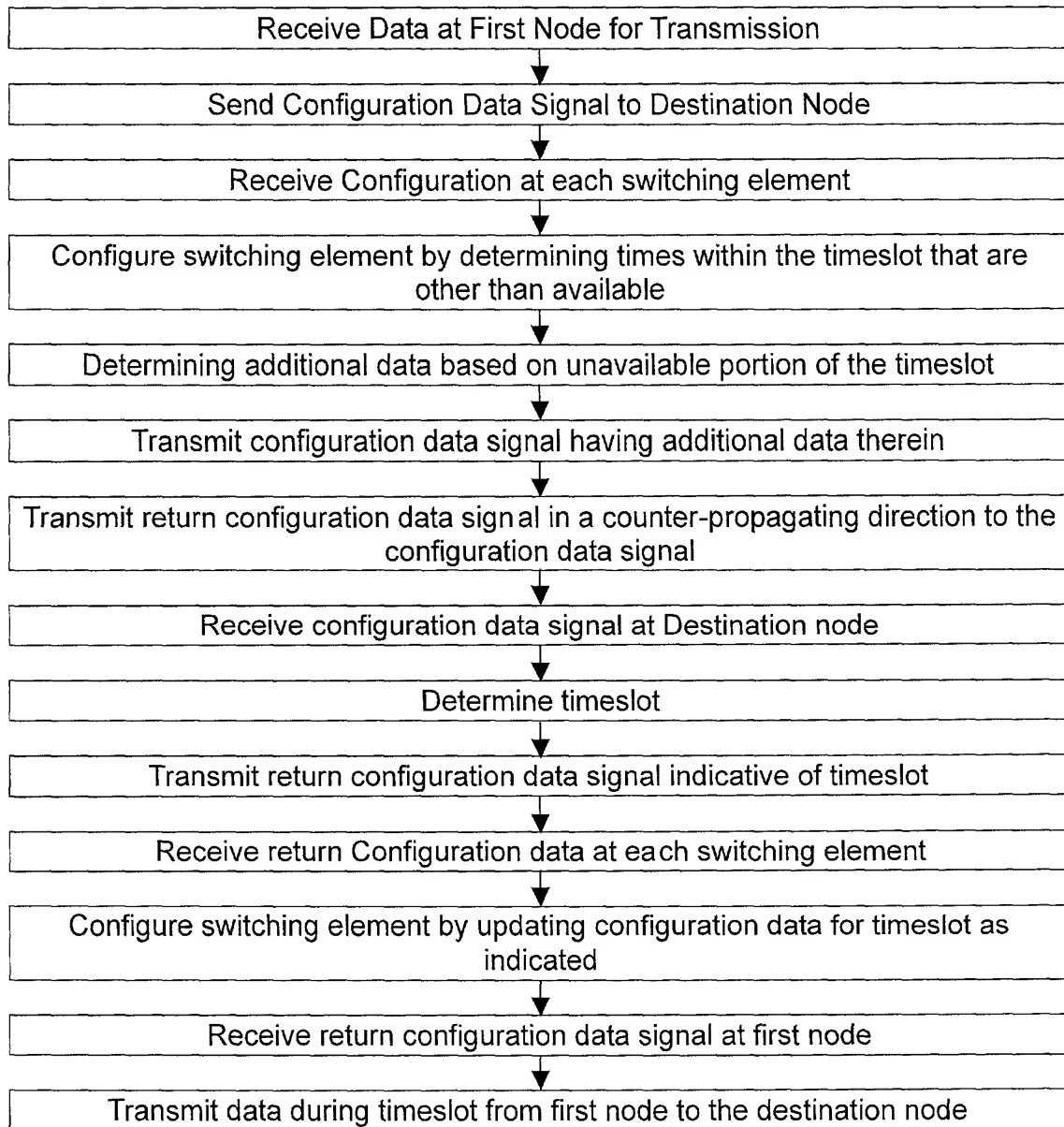


Fig. 13

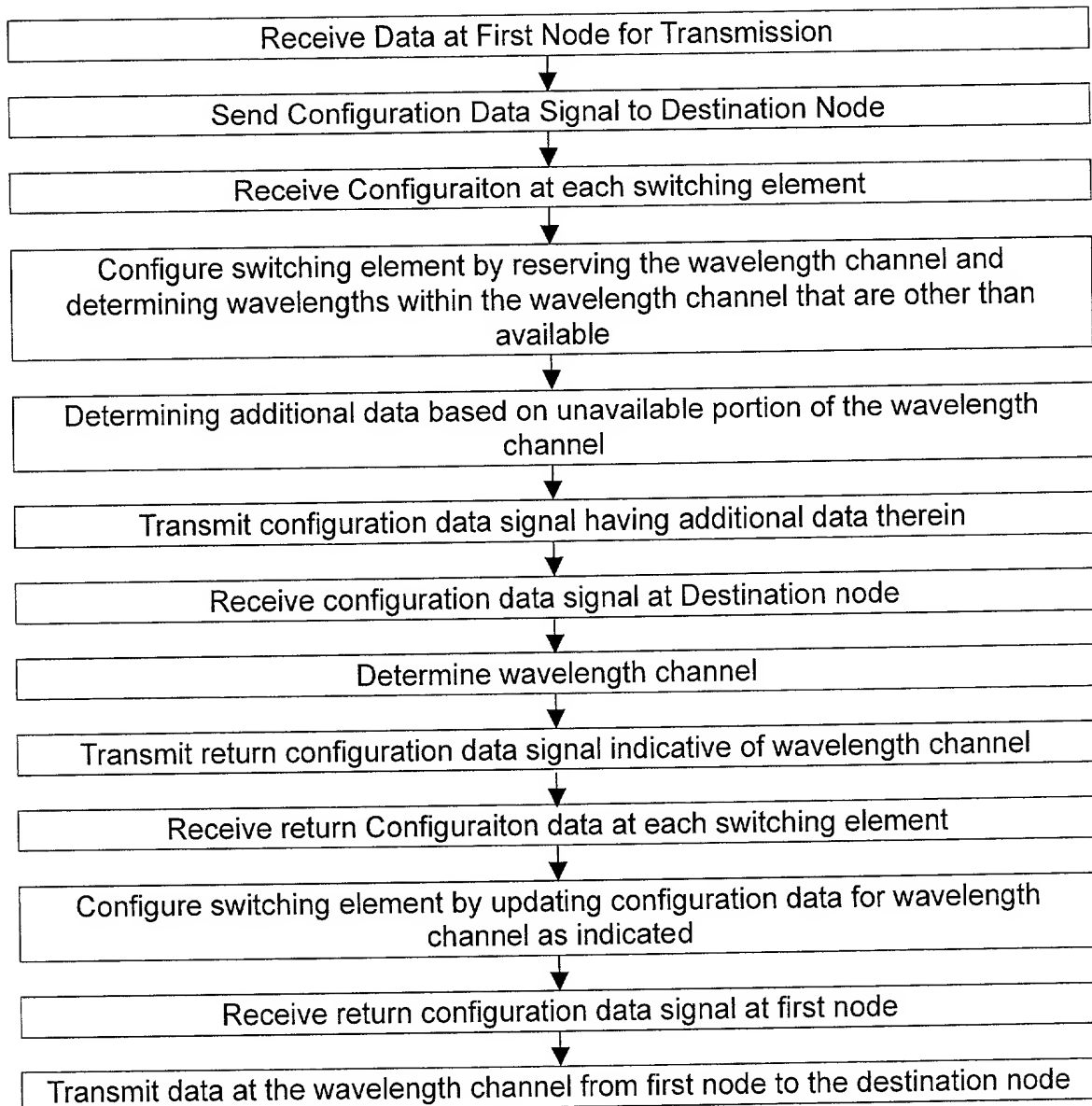


Fig. 14

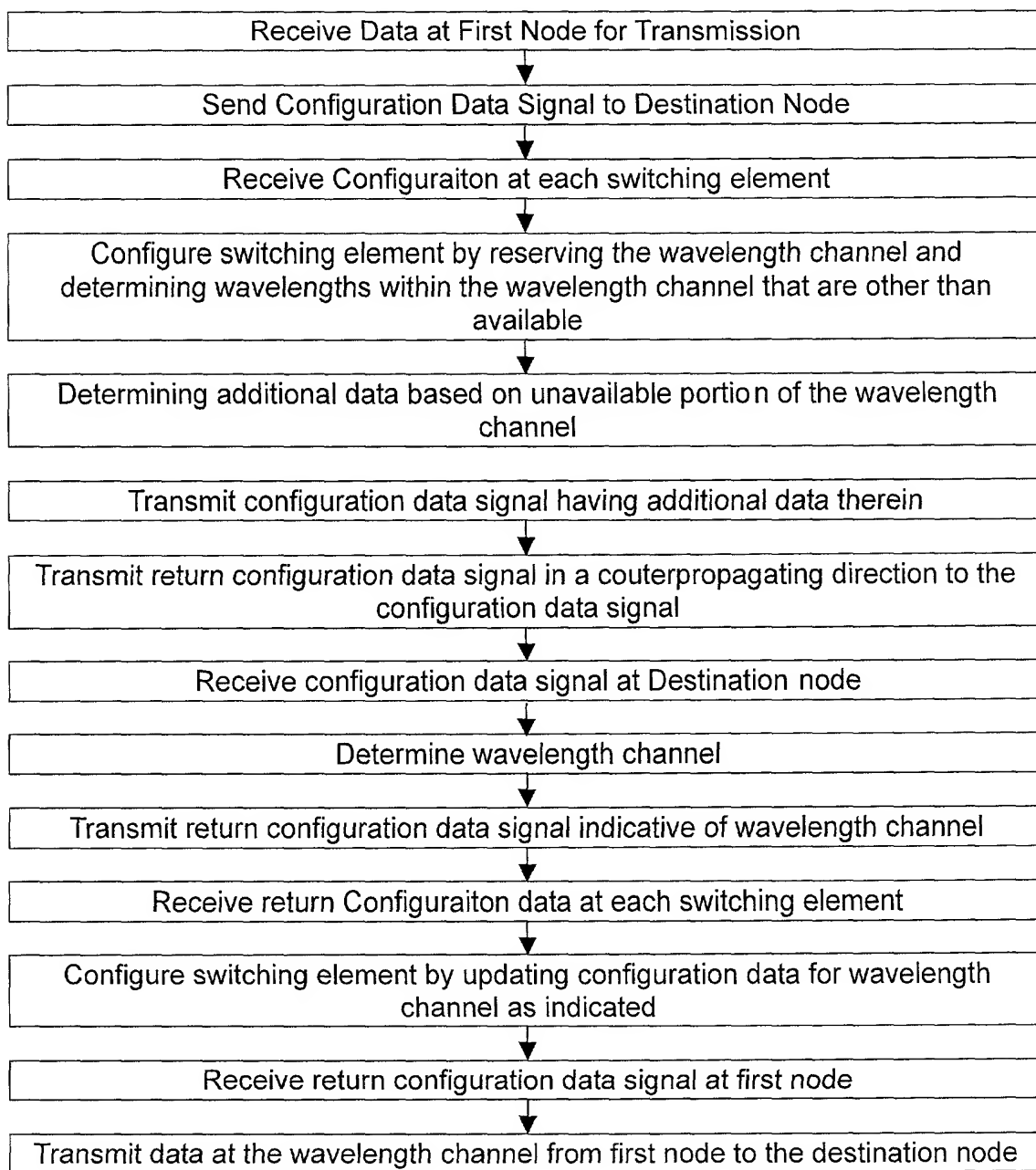


Fig. 15

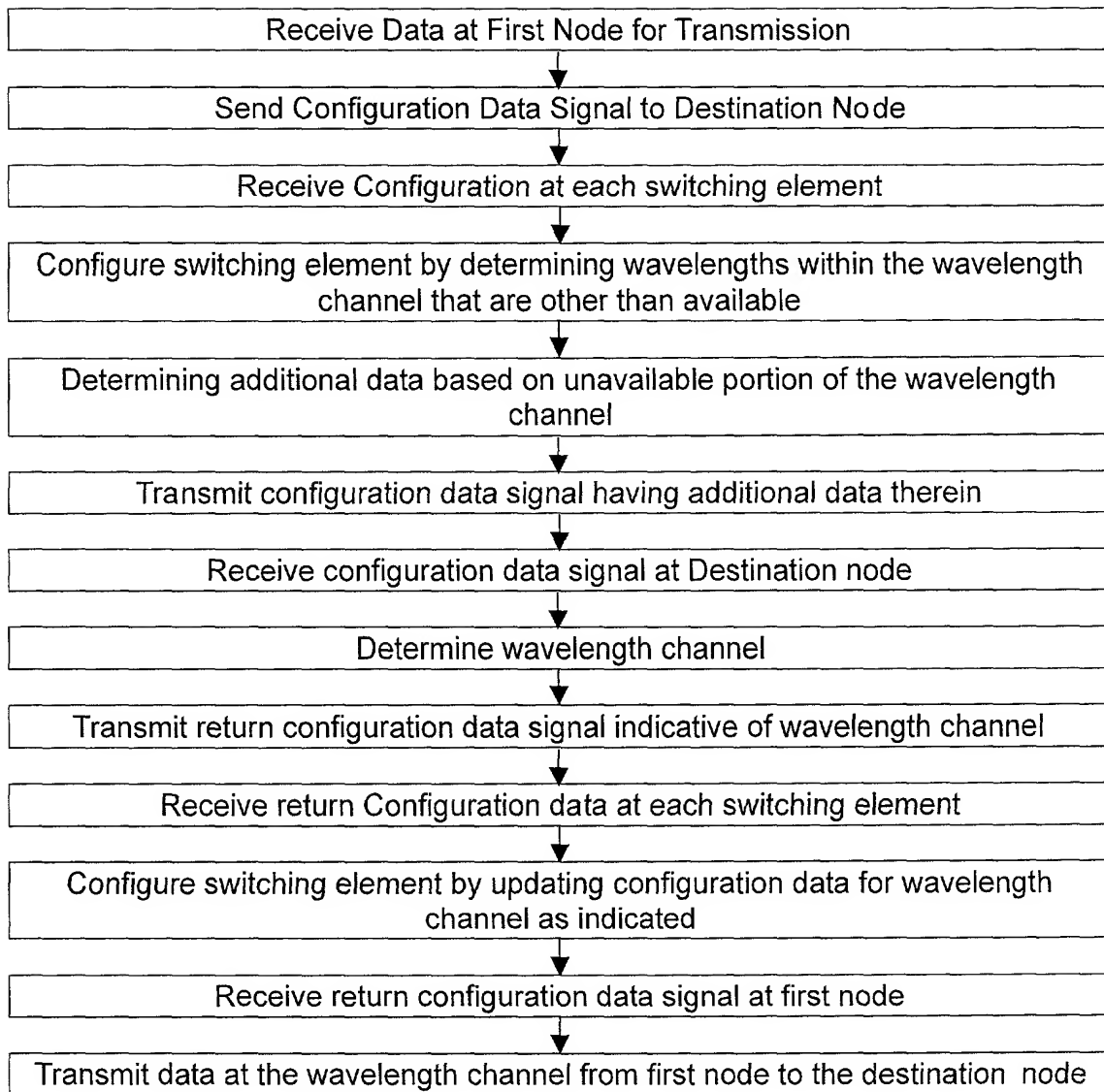


Fig. 16



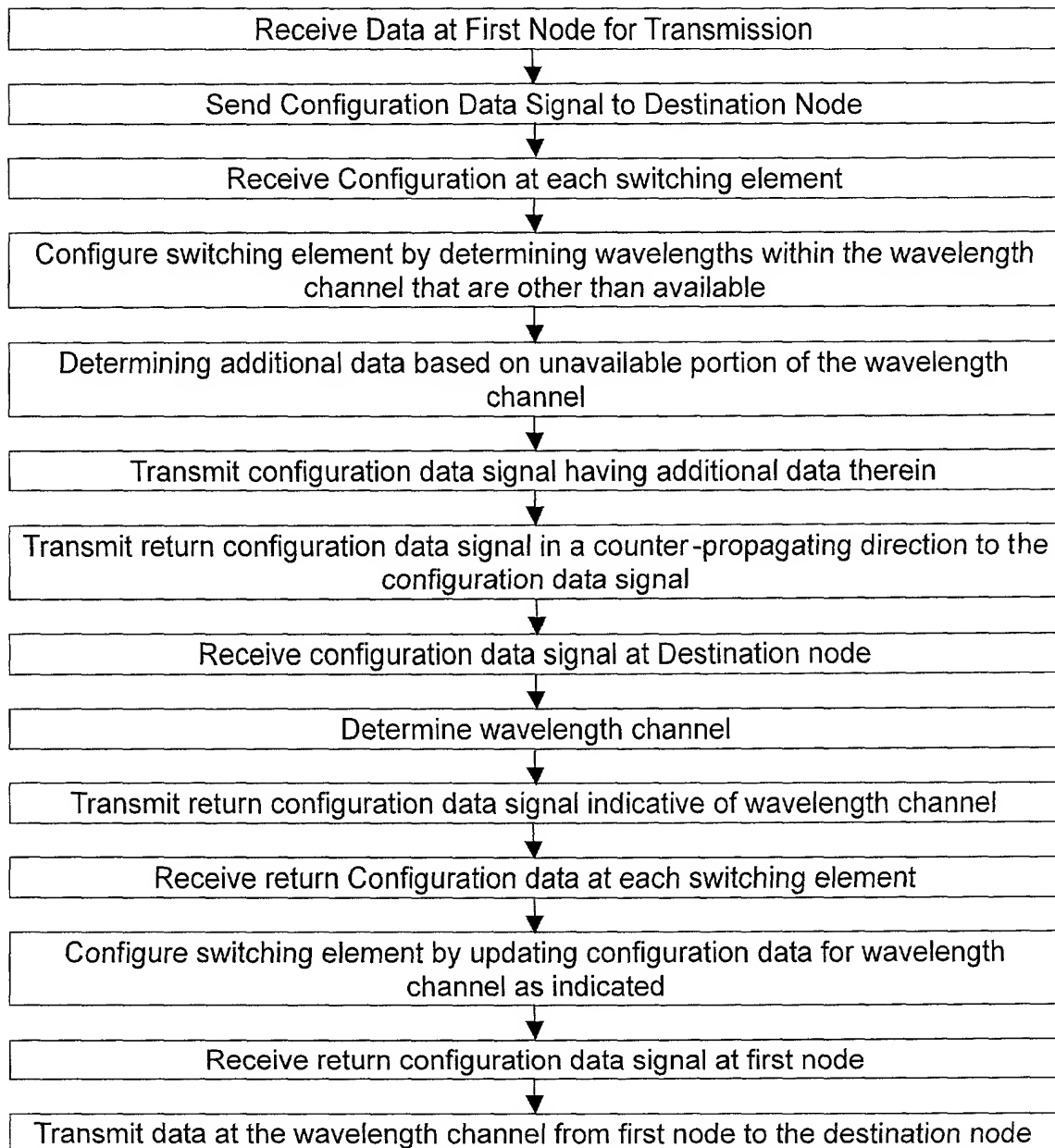


Fig. 17

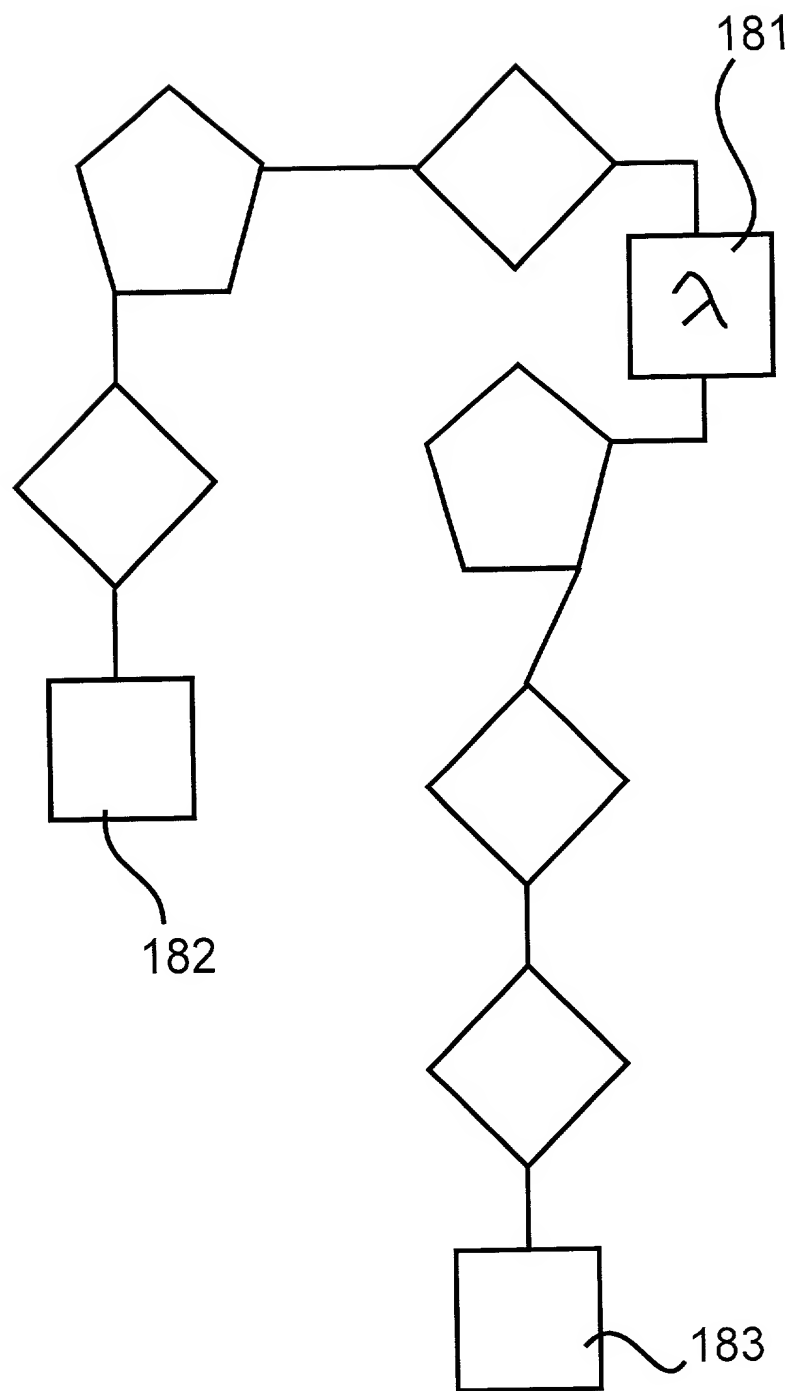


Fig. 18

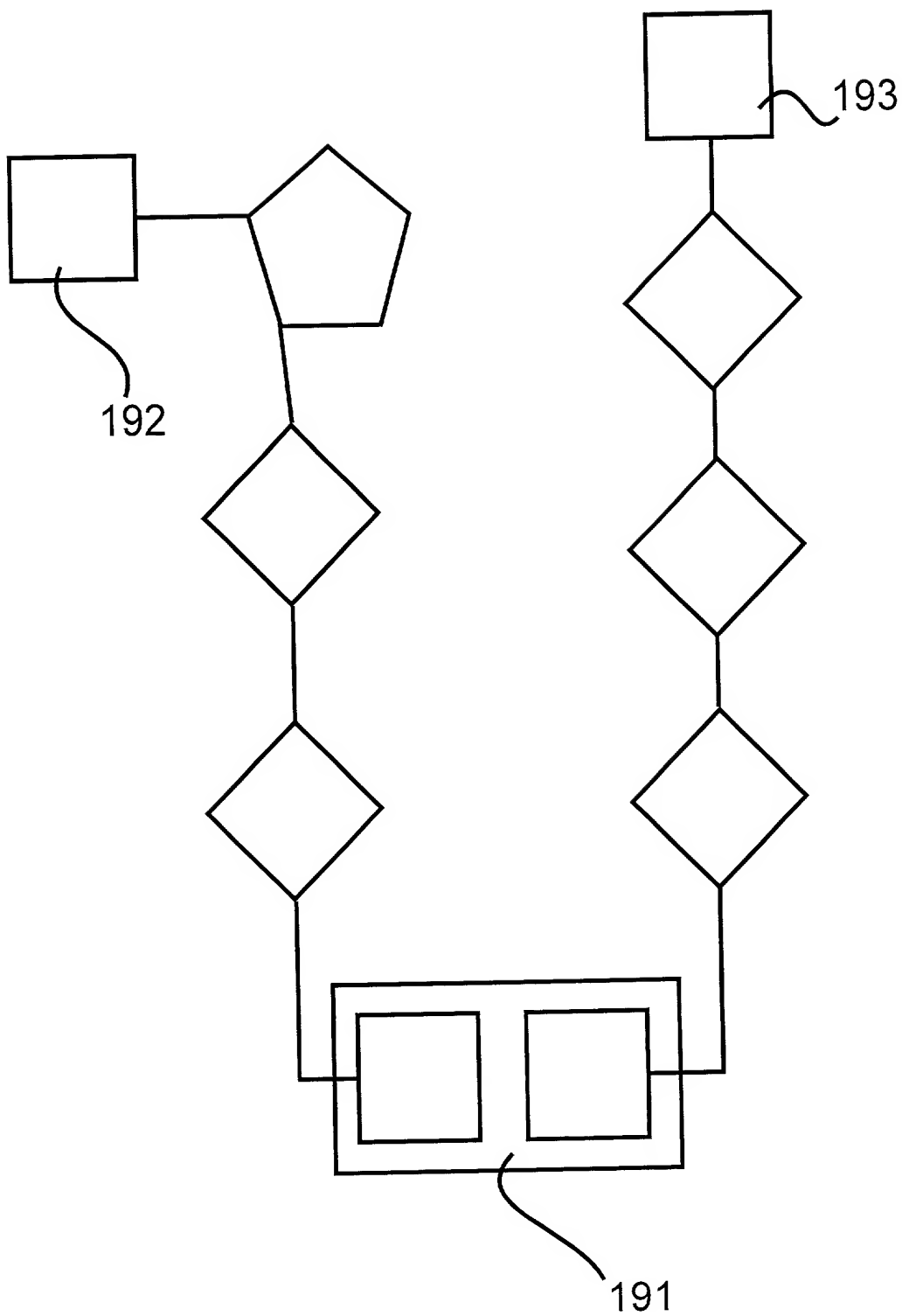


Fig. 19

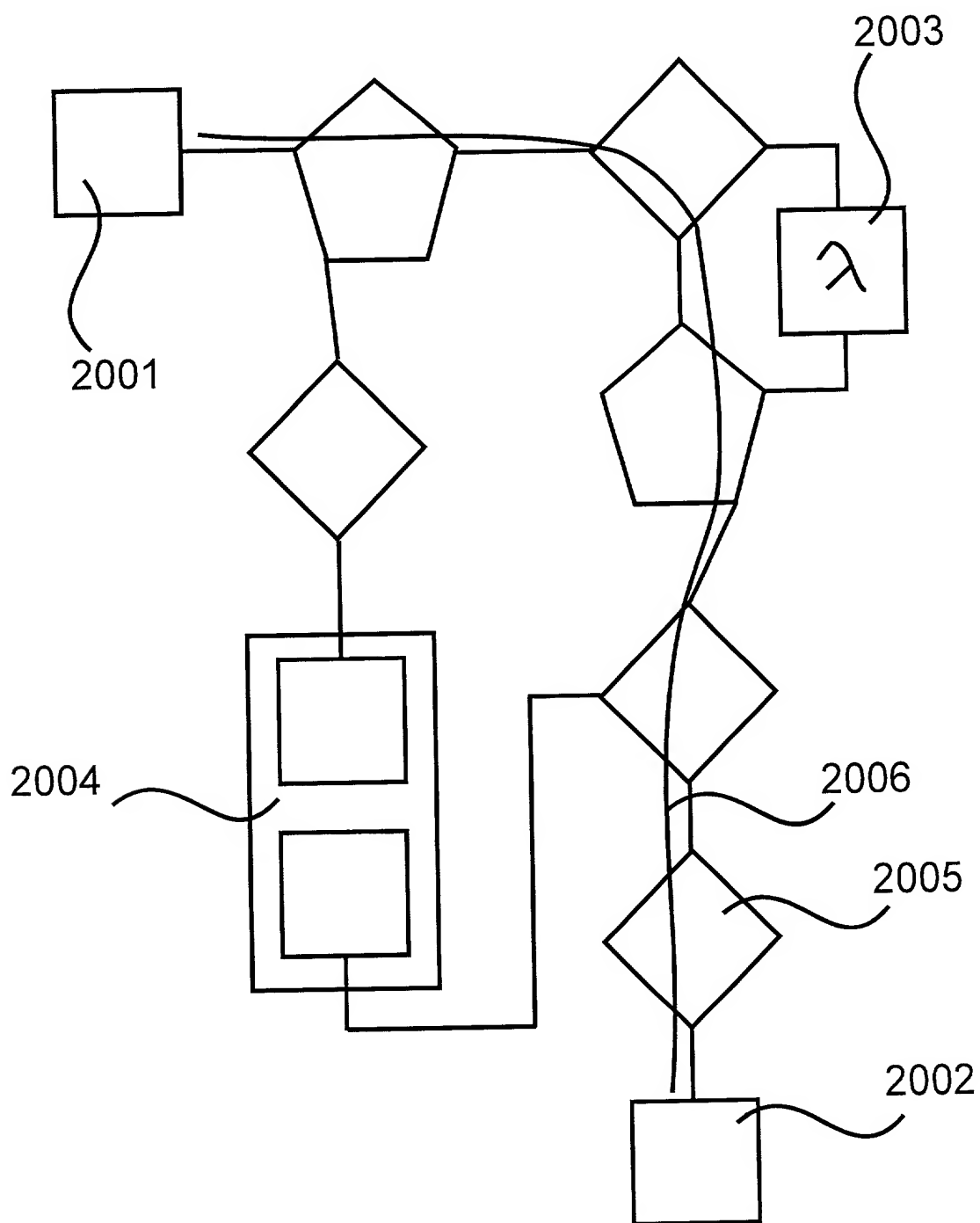


Fig. 20

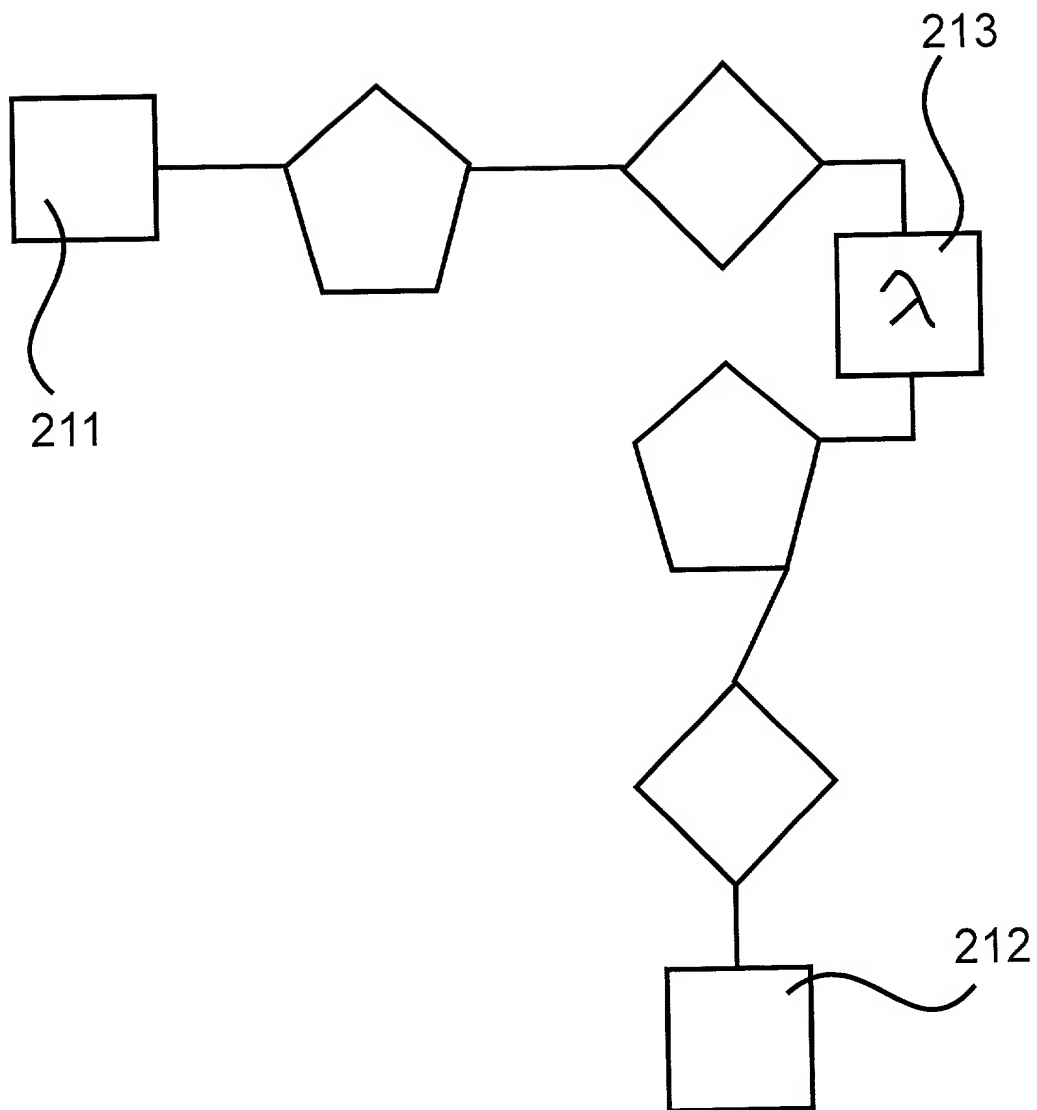


Fig. 21

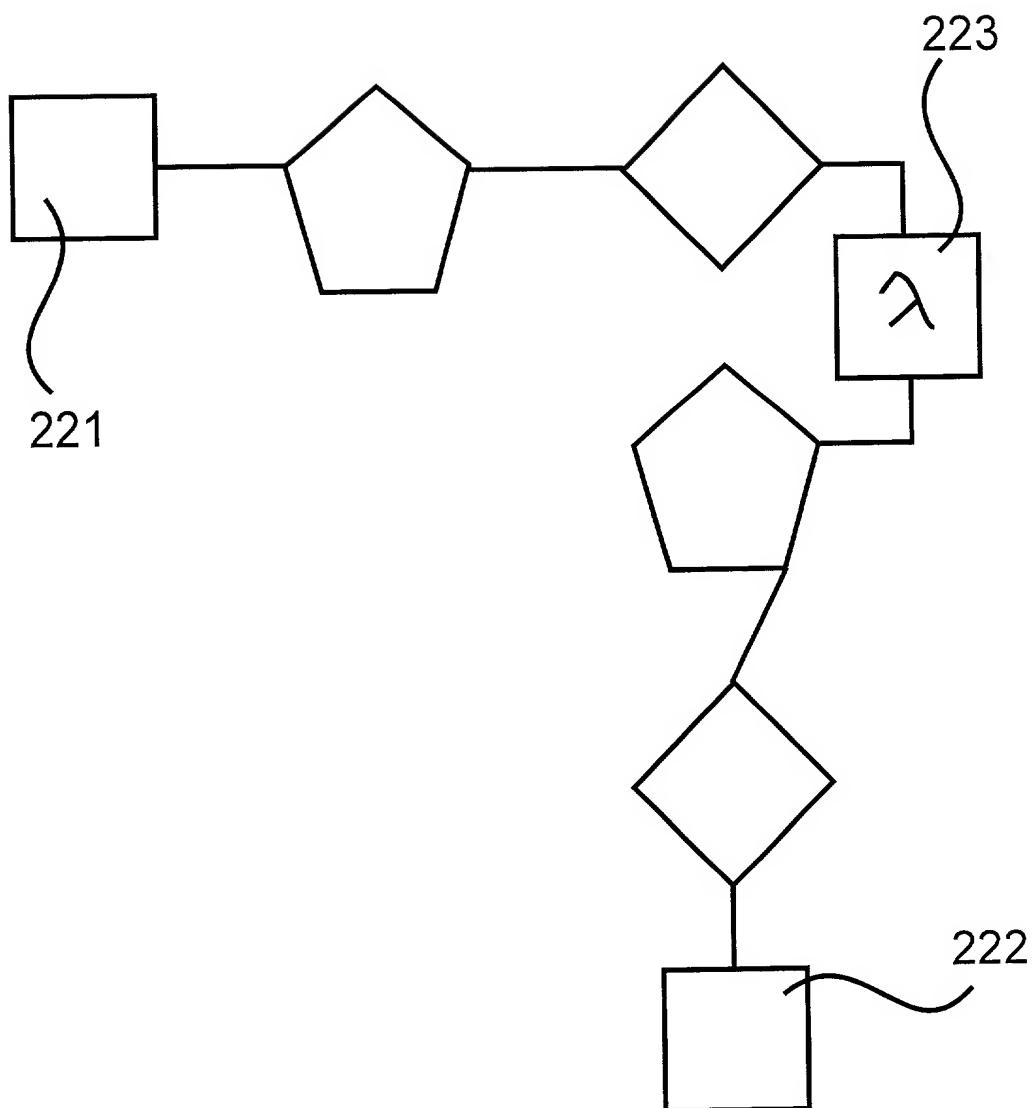


Fig. 22

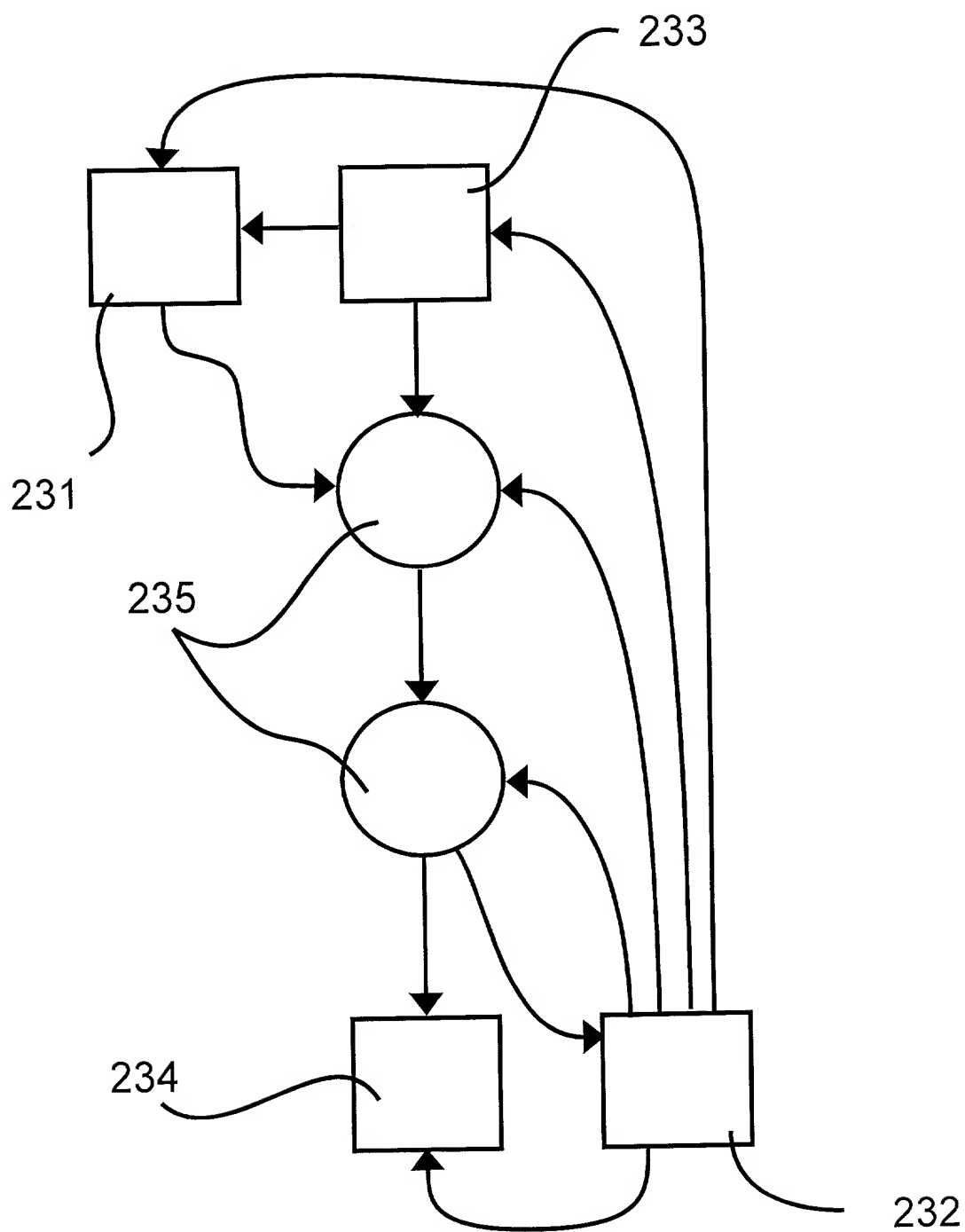


Fig. 23

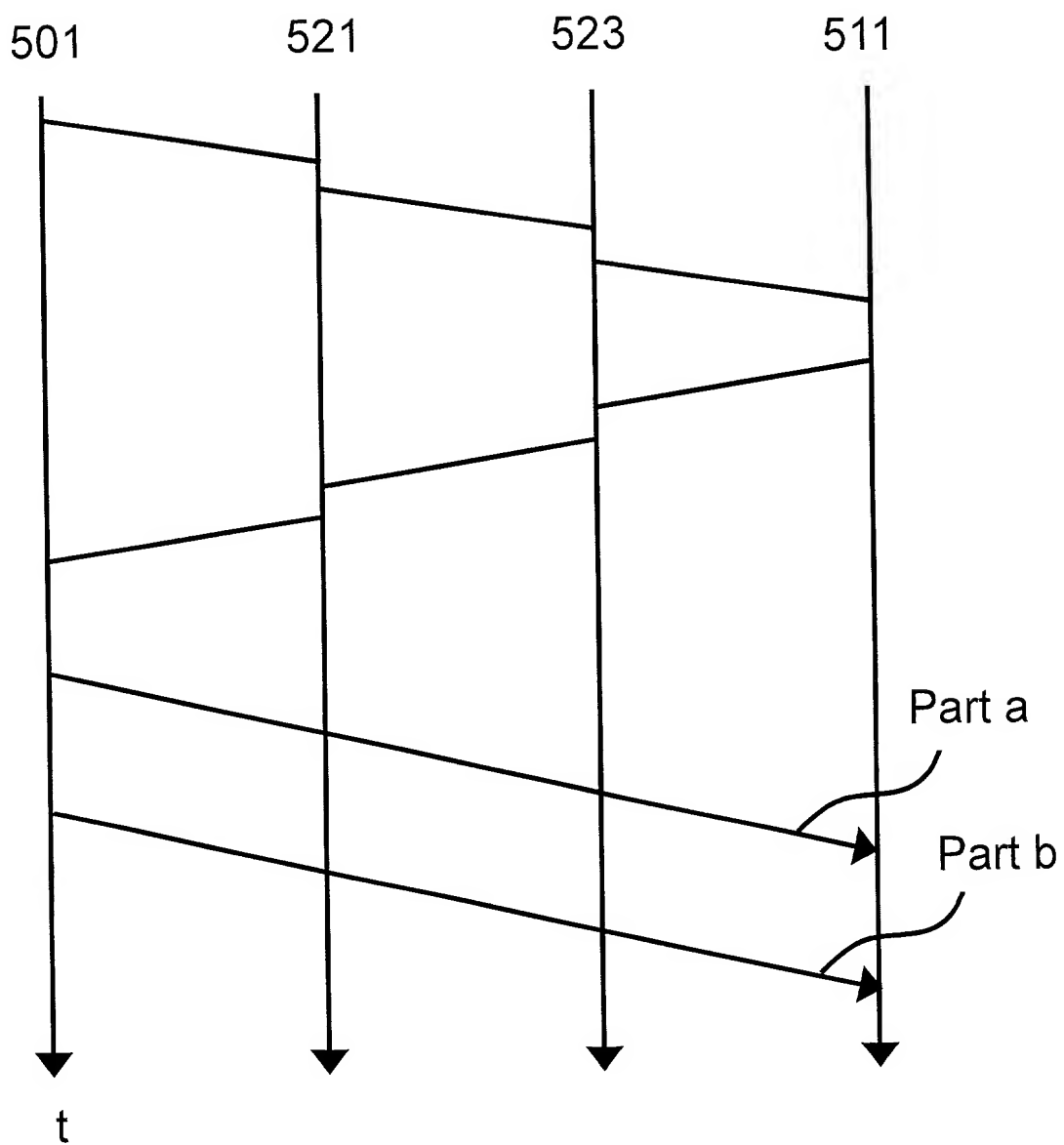


Fig.24





Data is stored

Modulate data onto two carrier signals at different wavelengths

Provide both modulated carrier signals to a switching fabric

Attenuate those modulated carrier signals that may result in interfering signals at a destination port

Receiving at a destination the modulated carrier signal(s) that is other than attenuated

Fig. 26

Absent a priori knowledge of a fixed communication channel between nodes or of a known route between nodes, generating a first optical signal within a known wavelength channel at a first node and destined for a second node other node

Providing a first optical signal to a switching fabric

Routing the first optical signal within the switching fabric to a destination node absent a stop of opto-electronic conversion

Receiving the first optical signal at the destination node

Fig. 27

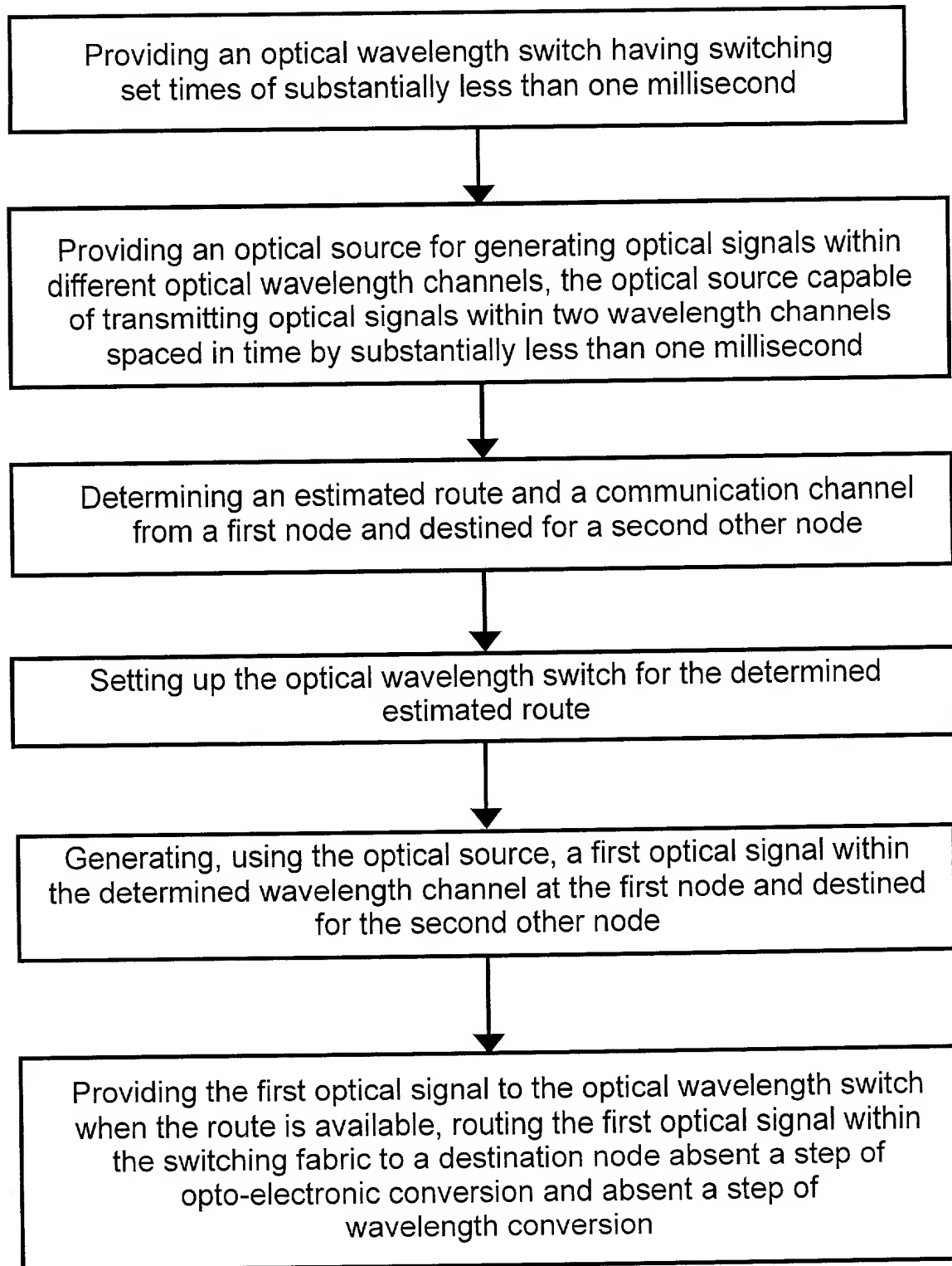


Fig. 28

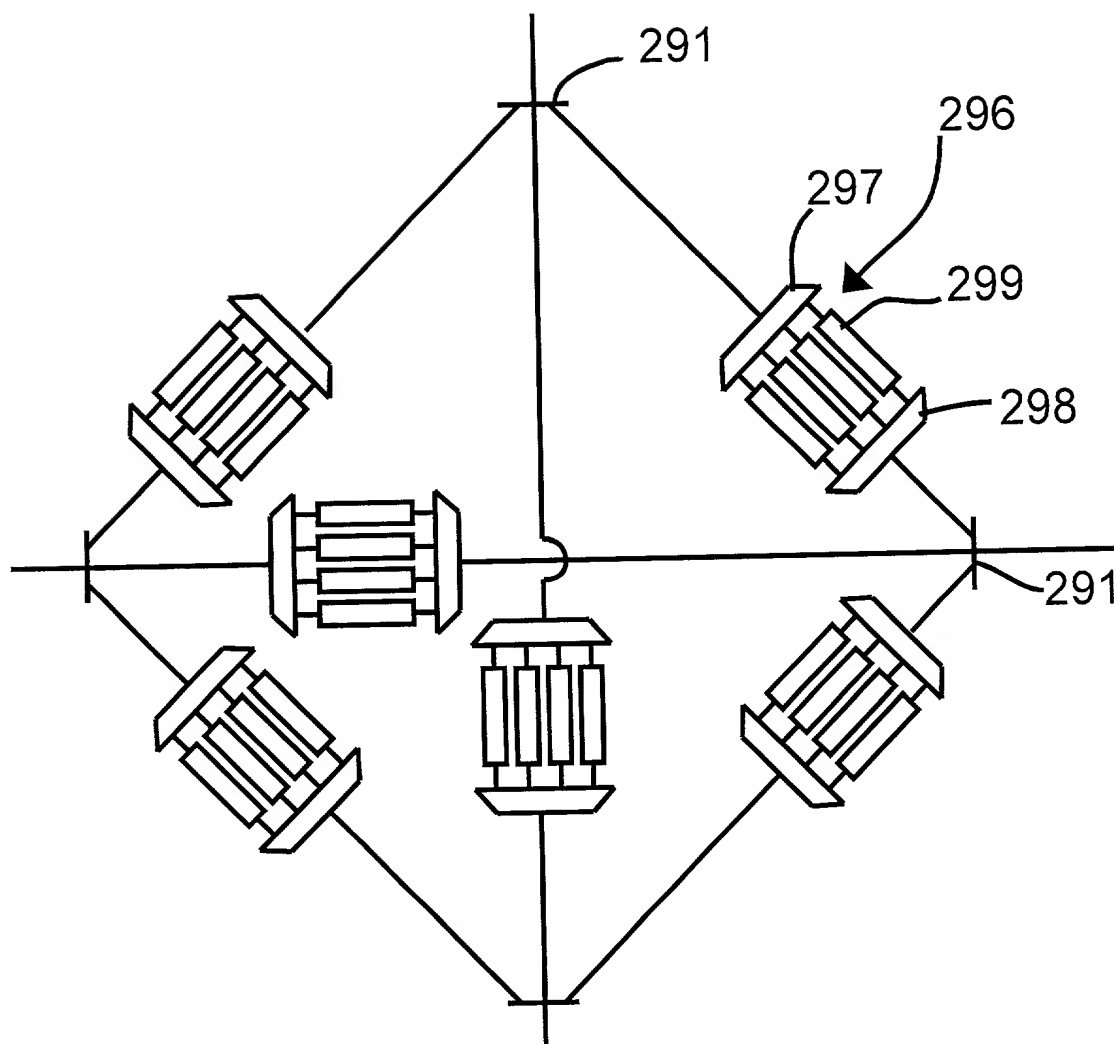


Fig. 29

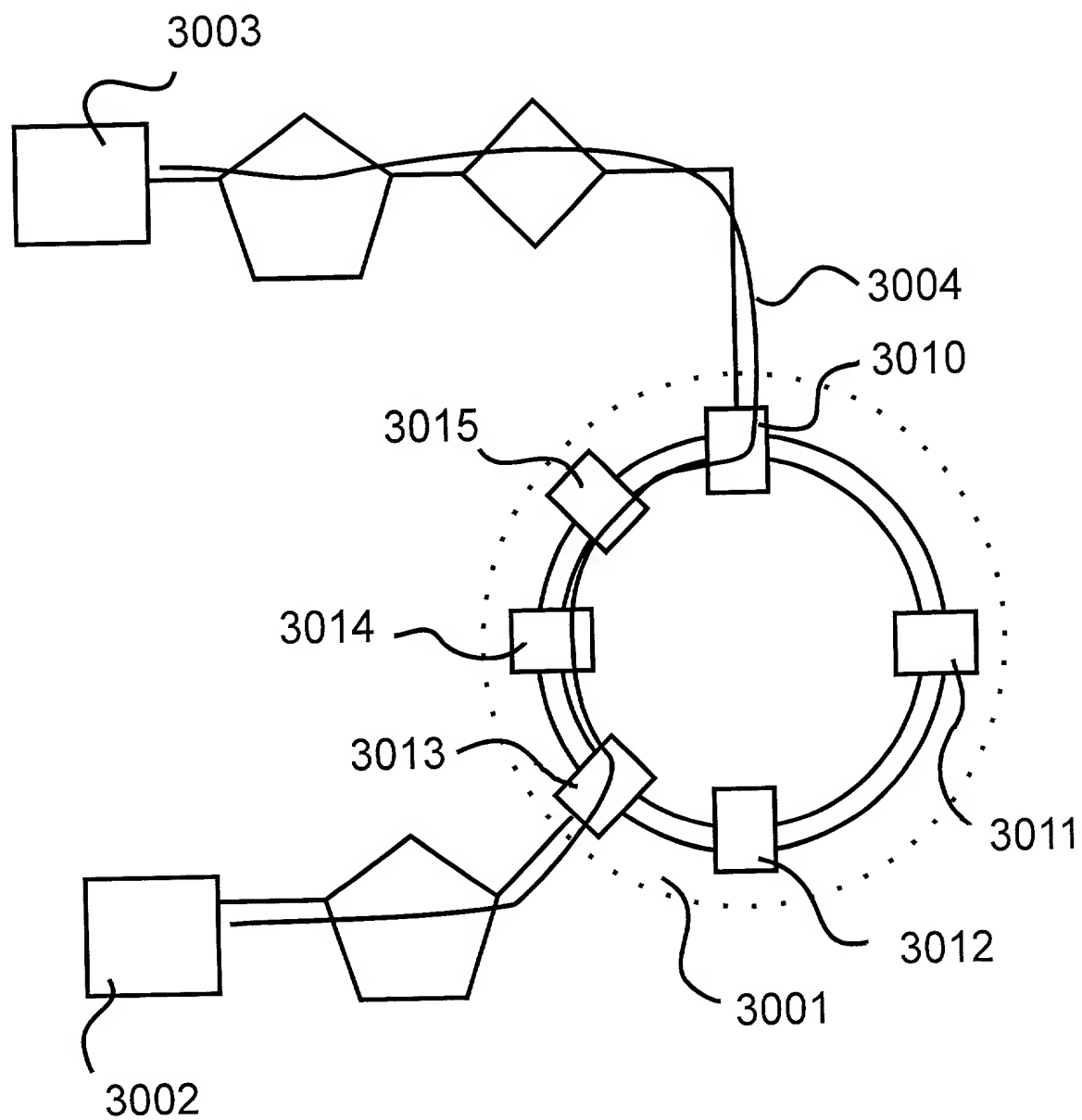


Fig. 30